

# Patent Public Advisory Committee Meeting

## OCIO & IT Infrastructure Updates



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PE2E Portfolio Manager  
June 14, 2012



# Universal Laptop Program (ULP) Update

- Production deployment commenced on March 28, 2011.
- Total Deployed thru June 1, 2012: 10,337
- All Patents organizations are 100% complete.



# PE2E Progress

- Patent examination tools and infrastructure
  - Completed requirements for role-based access control to support future deployment to the patent corps
  - Provided significant automation to the XML data intake process
- PE2E office action
  - Leveraging user-centered design for creation of the user interface
  - Completed user interface and prototype for office actions and workflow management
  - Finalizing office action XML schema



# PE2E Progress (continued)

- Comprehensive patent family maps
  - Completed initial solution architecture and data model
- PATI 1.1
  - Successfully completed hardware upgrades to enable corps-wide deployment
- Backfile migration
  - Conversion of active backfile (claims, specs, abstracts) from image to XML text: 96% completed, 50% loaded
  - On schedule to deliver 1.2M applications (claims, specs, and abstracts), totaling 56M+ pages





# PE2E Office Actions Scope (1 of 4)

PE2E - My Case List

https://uspto.atsid.com/review/#ws=0

My Case List Case Viewer 1.1.0-SNAPSHOT 7723 Hello, Andrew Faile Feedback Help Switch User

Go to case # Open

### Active Cases

All 11 Initial Requests 10 Ready for FAOM 0 Ready for Final 1 After Final 0 Appeals 0 Waiting for Response 0

Number	Title	Due Date	Days to Avg.	Claims	Next Activity	Class	Category	Credit	Note
10/214587	3D Color Imag...	07/02/2012		58 (6)	All				This will likely ...
11/202455	3d Navigation T...	02/09/2011	▼	58 (6)	All				
10/665454	Coupled GPS P...	01/31/2012	▼	58 (6)	All				
11/321212	Fast Renderin...	03/12/2011	▼	58 (6)	All				
10/218588	Litium Ion Batt...	10/20/2012		58 (6)	All				This is should ...
11/877456	Methods and D...	03/08/2011	▼	58 (6)	All				
90/009528	Pressure Prot...	05/22/2011	▼	58 (6)	All				

### Cases to Review

All 0 Critical 0

Examiner	OA Type	Round	Title	Number	Received	Communication
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1. Workflow driven docket, based on examiner role



# PE2E Office Actions Scope (2 of 4)

PE2E - Case Viewer - 10/214 x

https://uspto.atsid.com/review/#ws=1&vm=Examine%20Merits

1.1.0-SNAPSHOT 7723

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Layout: Examine Merits

10/214587 - 3D Color Image Sensor

Case Contents

Application Prosecution - 11009528

Claims 03/29/1996 CLM

Specification 03/29/1996 SPEC

Fee Worksheet (SB06) 03/29/1996 WFEE

Abstract 03/29/1996 ABST

Drawings 03/29/1996 DRW

Information Disclosure Statement 03/29/1996 IDS

Claims

1. A COMPUTER computer, comprising: a fixed casing accommodating a first computer component and having an opening; a movable casing covering said opening of said fixed casing, said movable casing having a tab protruding from said movable casing, said movable casing accommodating a second computer component on an inner surface of said movable casing; a pair of hinges rotatably coupling said fixed casing to said movable casing so as to allow the movable casing to cover and uncover said opening; and a latch comprising a slide mounted on said fixed casing, said slide having an offset corresponding to said tab, said slide moving laterally so as to engage said tab to said offset where said movable casing covers said opening and to disengage said tab from said offset where said movable casing uncovers said opening.

2. The computer of claim 1, said slide having an elongated hole, said fixed casing having a boss corresponding to said elongated hole, said boss being inserted into said elongated hole and guiding the sliding of said slide along said elongated hole.

Notes

notes

112 1st, 112 2nd

03/05/2012, 7:44 AM, A. Faile

My related note

112 1st, 112 2nd

03/05/2012, 9:39 AM, A. Faile

related notes

03/05/2012, 9:39 AM, A. Faile

2. All office action tools integrated with current PE2E functionality
3. Office action authoring tools easily accessible in toolbar or by default layout



# PE2E Office Actions Scope (3 of 4)

The screenshot displays the PE2E Case Viewer interface for a patent case titled "10/214587 - 3D Color Image Sensor". The interface is divided into several panels:

- Office Action Drafts:** A sidebar on the left showing a list of drafts, including "Non-Final Rejection - C" (5:36 PM), "Non-Final Rejection C" (2:22 PM), "Non-Final Rejection B" (1:59 PM), and "Office Action" (1:27 PM).
- Non-Final Rejection - C:** The main editing area, currently showing a "Non-Final Rejection" draft. It includes a "Select the sections you want to include in this office action." list with checkboxes for various sections. The "Claim Rejections - 35 USC § 112 1st" and "Claim Rejections - 35 USC § 112 2nd" sections are checked and highlighted with a yellow background. Other sections include Election/Restriction, Priority, IDS, Drawing Objections, Specification Objections, Claim Objections, Other Objections, Claim Rejections - 35 USC § 101, Claim Rejections - 35 USC § 102, Claims Rejections - 35 USC § 103, Double Patenting, Allowable Subject Matter, and Conclusion.
- Form Paragraphs:** A sidebar on the right showing a list of form paragraphs, including "Election/Restriction", "Priority", "IDS", "Drawing Objections", "Specification Objections", "Claim Objections", "Other Objections", "Claim Rejections", "Double Patenting", "Allowable Subject Matter", and "Conclusion".

The central editing area shows a "DETAILED ACTION" section with the following text:

*Claim Rejections - 35 USC § 112 1st*

1. The following is a quotation of the first paragraph of 35 U.S.C. 112: The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use

4. Office action file management, including multiple concurrent drafts

5. Interactive template tool to create pre-configured office actions

6. Inline word processor for office action creation and editing

7. Form paragraph manager to allow user to drag and drop content from RDMS and personal library



# PE2E Office Actions Scope (4 of 4)

PE2E - Case Viewer - 10/214 x

https://uspto.atsid.com/review/#ws=1&vm=Write%20Office%20Action

1.1.0-SNAPSHOT 7723

Hello, Andrew Faile Feedback Help Switch User

Layout: Write Office Action 10/214587 - 3D Color Image Sensor

Office Action Drafts

- Non-Final Rejection - C  
DRAFT 9:50 AM
- Notice of References Cited (PTOL-892)
- Office Action Summary (setting 2 or 1 SSP)
- Information Disclosure Statement By Applicant(s) (PTOL-1449)
- Non-Final Rejection C  
DRAFT 2:22 PM
- Non-Final Rejection B  
DRAFT 1:59 PM
- Office Action  
DRAFT 1:27 PM

Deleted Empty

Non-Final Rejection - C Notice of References Cited (P - PTO-466 Reexamination Office -

Office Action Summary	
Application No.	Applicant(s)
Examiner	Art Unit
<p>-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</p> <p><b>Period for Reply</b></p> <p>A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.</p> <ul style="list-style-type: none"><li>Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.</li><li>If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.</li><li>Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</li></ul> <p><b>Status</b></p> <p>1) Responsive to communication(s) filed on .</p> <p>2a) This action is FINAL. 2b) This action is non-final.</p> <p>3) An election was made by the applicant in response to a restriction requirement set forth during the interview on this action; the restriction requirement and election have been incorporated into merits is</p> <p>Since this application is in condition for allowance except for formal matters, prosecution as to the closed in accordance with the practice under <i>Ex parte Quayle</i>, 1935 C.D. 11, 453 O.G. 213.</p> <p><b>Disposition of Claims</b></p> <p>5) Claim(s) is/are pending in the application.</p> <p>5a) Of the above claim(s) is/are withdrawn from consideration.</p> <p>6) Claim(s) is/are allowed.</p> <p>7) Claim(s) is/are rejected.</p> <p>8) Claim(s) is/are objected to.</p> <p>9) Claim(s) are subject to restriction and/or election requirement.</p> <p><b>Application Papers</b></p> <p>10) The specification is objected to by the Examiner.</p> <p>11) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.</p> <p>Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).</p>	

Form Paragraphs

Find:

Current OA Sections

Chapters Subject Personal

OA-type > Non-final Rejections

- Election/Restriction
- Priority
- IDS
- Drawing Objections
- Specification Objections
- Claim Objections
- Other Objections
- Claim Rejections
  - 35 USC § 112 1st
  - 35 USC § 112 2nd
  - 35 USC § 101
  - 35 USC § 102
  - 35 USC § 103
- Double Patenting
- Allowable Subject Matter
- Conclusion

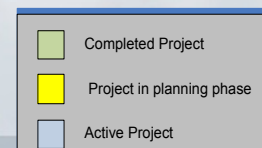
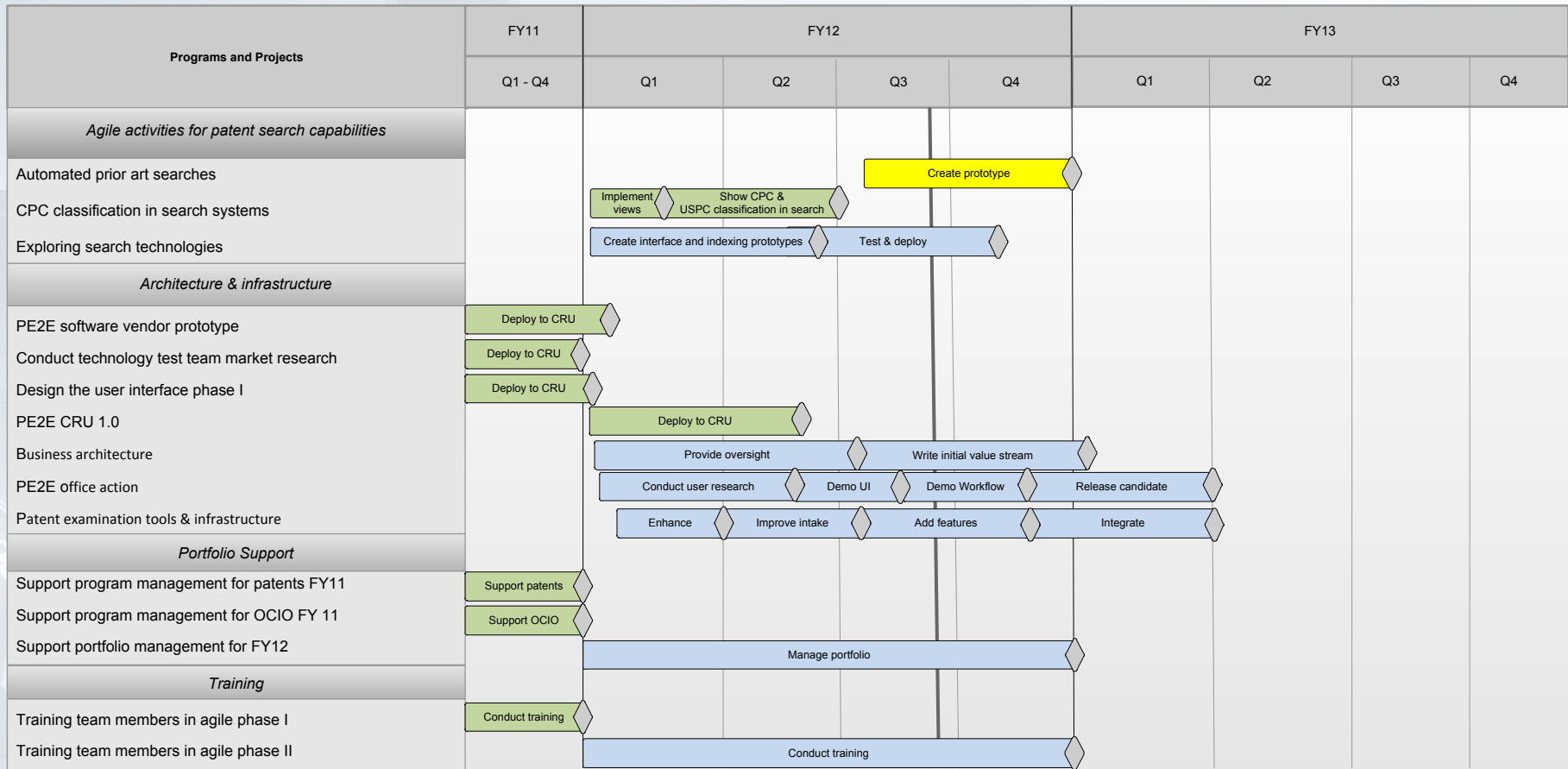
8. Automatic creation of electronic forms needed to complete office action

9. Automatic form completion using information accumulated during office action creation



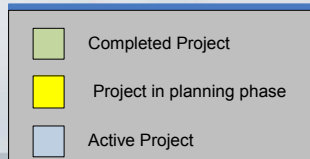
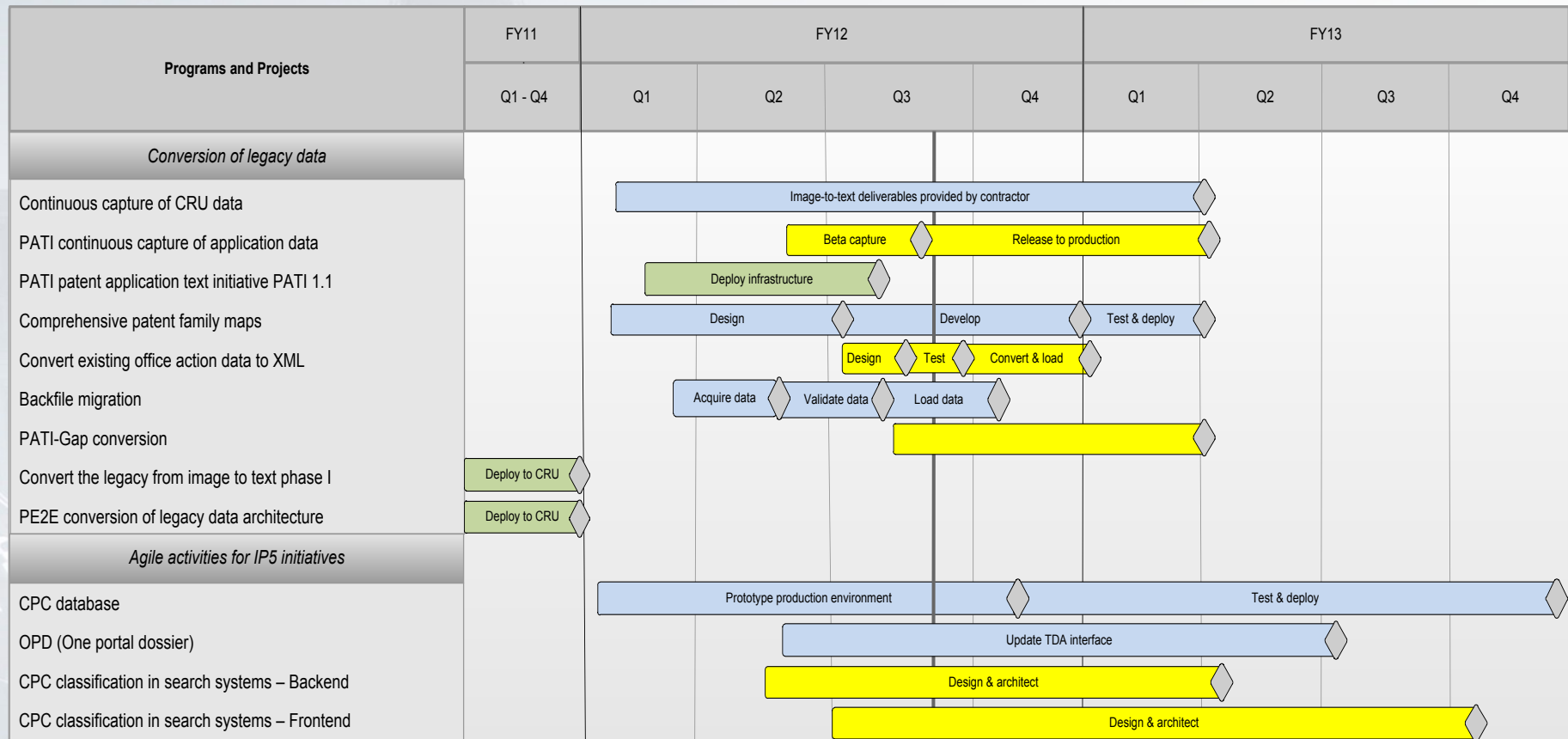


# PE2E Portfolio Overview





# PE2E Portfolio Overview





# Risks & Issues

- Availability of USPTO human resources (staff)
- Ambitious scope of features
- Scaling & improving image-to-XML transformation
- Legacy data quality
- Contractor support for software development